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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

ACH 3024 US

U.S. APPLICATION NO. (Unknown, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. PCT/EP2004/013914	INTERNATIONAL FILING DATE DECEMBER 6, 2004	PRIORITY DATE DECEMBER 9, 2003
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## TITLE OF INVENTION

**CATALYST COMPOSITION COMPRISING ANIONIC CLAY AND RARE EARTH METALS, ITS PREPARATION  
AND USE IN FCC**

## APPLICANT(S) FOR DO/EO/US

**JONES, William; STAMIRE, Dennis; O'CONNOR, Paul, and BRADY, Michael**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C.
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Unexecuted)
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

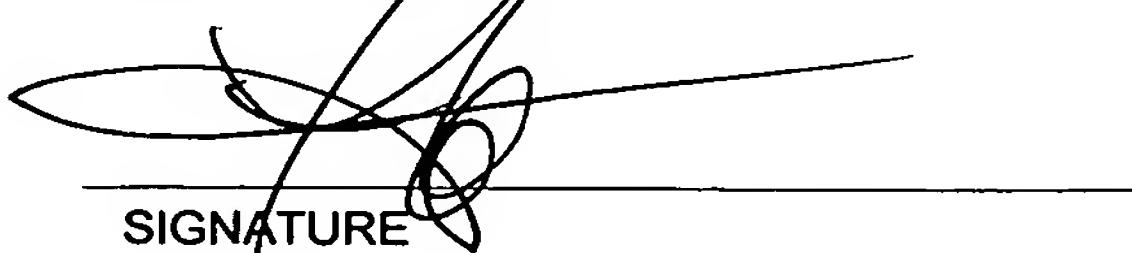
**Items 11 to 20 below concern document(s) or information**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20.  Other items or information:

**RETURN POSTCARD**

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR <b>10/582177</b>		INTERNATIONAL APPLICATION NO. PCT/EP2004/013914	ATTORNEY'S DOCKET NUMBER ACH-3024 US	
The following fees are submitted:				<b>CALCULATIONS</b>
21. <input checked="" type="checkbox"/> Basic national fee ..... \$300				\$ \$300.00
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). ..... \$100				\$ \$200.00
All other situations. ..... \$200				
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100				\$ \$400.00
International Search Report prepared and provided to the Office ..... \$400				
All other situations. ..... \$500				\$ \$400.00
<b>TOTAL OF 21, 22 and 23 =</b>				\$ \$900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	
- 100 =	0 /50 =	0	x \$250.00	\$ \$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	8 - 20 =	0	x \$50.00	\$ \$0.00
Independent claims	1 - 3 =	0	x \$200.00	\$ \$0.00
Multiple Dependent Claims (if applicable) <input type="checkbox"/>				+ \$360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ \$900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ \$0.00
<b>SUBTOTAL =</b>				\$ \$900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$
<b>TOTAL NATIONAL FEE =</b>				\$ \$900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per				+
<b>TOTAL FEES ENCLOSED =</b>				\$ \$900.00
				<b>Amount to be refunded:</b>
				<b>Amount to be charged:</b>
<p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account <u>01-0659</u> in the amount of <u>\$900.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. (Order No. 06-113)</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account <u>01-0659</u>. A duplicate copy of this sheet is enclosed. (Order No. 06-113)</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
SEND ALL CORRESPONDENCE TO:				
CUSTOMER NO. 56744				
 <b>SIGNATURE</b>				
<b>FRANK C. EYMARD</b>				
NAME				
<b>51,660</b>				
REGISTRATION NUMBER				

10/58211

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Case ACH-3024 US

AP20 Rec'd PCT/PTO 09 JUN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

WILLIAM JONES, ET AL

SERIAL NO. ---

FILED: Herewith

DATE: JUNE 9, 2006

FOR: Catalyst Composition  
Comprising Anionic Clay  
And Rare Earth Metals, Its  
Preparation And Use In FCC

Mail Stop PCT  
Commissioner For Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

CERTIFICATE UNDER 37 C.F.R. 1.10 - EXPRESS MAIL

I hereby certify that the correspondence stapled hereto and identified below is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Mail Stop PCT, Commissioner For Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450, on June 9, 2006. The number of the "Express Mail" mailing label placed thereon prior to mailing is EF295572355US.

Said correspondence consists of the following:

1. Two-Page Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371 (Page 2 In Duplicate);
2. Two-Page Unexecuted Declaration, Power of Attorney, and Petition for Inventor(s): William Jones, Dennis Stamires, Paul O'Connor and Michael Brady;
3. Three-Page Preliminary Amendment To Be Entered Prior To Claims Fee Calculation And Considered Part Of Original Filing;
4. One-Page Information Disclosure Statement Transmittal Sheet, and
5. One-Page Information Disclosure Statement Form PTO/SB/08a With Three References (One Attached).

Return postcard attached hereto but not stapled.



Cynthia M. Farr

Office of Frank C. Eymard (Reg. No. 51,660)

Date: June 9, 2006

Telephone: (225) 388-7227